

Wifi & BT Audio Amplifier

Drawing CODE: A50+-AMP

Product CODE: ISH-A50+-AMP

BRAND: Link

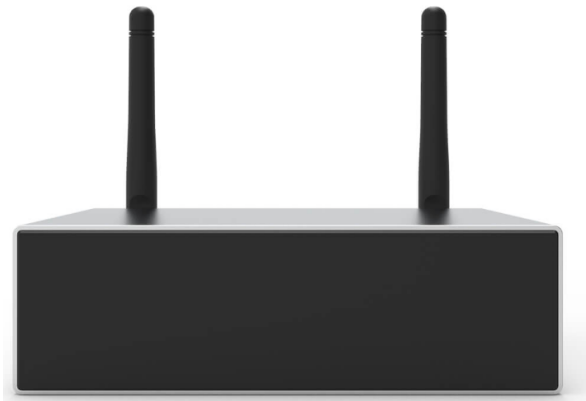
Product description:

The A50+ is a wireless multiroom stereo amplifier designed to transform conventional audio systems into high-performance streaming solutions. Combining Class-D amplification with Wi-Fi and Bluetooth connectivity, it enables seamless wireless music streaming from mobile devices, computers, NAS storage, and online music services. With support for synchronized multiroom playback and independent zone control, the A50+ delivers flexible audio distribution, high-resolution sound quality, and intuitive control through the 4STREAM application.



Features:

Feature	Description
Multiroom Audio System	Supports synchronized playback across multiple rooms or independent audio streaming in different zones
High-Power Amplification	2-channel Class-D amplifier with up to 50W + 50W output power
Wireless Connectivity	Supports 2.4GHz Wi-Fi and Bluetooth 5.0
Streaming Protocol Support	Compatible with AirPlay, DLNA, UPnP, Spotify Connect, and Qplay
High-Resolution Audio	Supports audio decoding up to 24-bit / 192kHz
Lossless Audio Playback	Compatible with FLAC, MP3, AAC, AAC+, ALAC, APE, and WAV formats
Online Music Services	Supports Spotify, Amazon Music, Deezer, Tidal, Qobuz, Napster, TuneIn, iHeartRadio, QQ Music, and Internet Radio
Multi-Zone Grouping	Allows multiple devices to be grouped for synchronized music playback
Flexible Audio Inputs	Supports RCA analog input and optical digital input
Dedicated Subwoofer Output	Includes active subwoofer output for enhanced audio performance
DSP Audio Optimization	Compatible with ACP Workbench software for advanced audio tuning and EQ adjustment
Mobile App Control	Managed through the 4STREAM application for Android and iOS devices
Wired & Wireless Networking	Supports Ethernet LAN, Wi-Fi, and Bluetooth connectivity
Remote Control Support	Built-in IR receiver for convenient operation



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Technical Specifications:

Parameter	Specification
Amplifier Type	Class-D Stereo Amplifier
Output Power (4Ω)	50W × 2 @ 24V
Output Power (8Ω)	30W × 2 @ 24V
Wireless Connectivity	IEEE 802.11 b/g/n 2.4GHz, Bluetooth 5.0
Streaming Protocols	AirPlay, DLNA, UPnP, Spotify Connect, Qplay
Audio Formats	FLAC, MP3, AAC, AAC+, ALAC, APE, WAV
Audio Decoding	Up to 24-bit / 192kHz
Frequency Response	20Hz – 20kHz
THD+N	0.03%
Speaker Impedance	4–8Ω
Analog Input	RCA Audio Input
Digital Input	Optical Audio Input
Audio Outputs	Speaker Output, Subwoofer Output
USB Host	USB Storage Device Support
Micro USB	PC Connection as USB DAC
Ethernet Port	RJ45 LAN Port
Control Application	4STREAM (iOS & Android)
Power Input	DC 24V / 4.16A
Dimensions	120 × 113 × 37 mm
Weight	0.4 kg
Operating Temperature	0°C to 40°C

